

Title (en)
METHANE VENTING SYSTEM

Title (de)
METHANABLASSSYSTEM

Title (fr)
SYSTÈME DE VENTILATION PAR ÉVACUATION DE MÉTHANE

Publication
EP 2364203 B1 20150819 (EN)

Application
EP 09748444 A 20091028

Priority
• GB 2009002566 W 20091028
• GB 0819778 A 20081028

Abstract (en)
[origin: GB2464930A] A subsoil methane collection and treatment system (10), which includes a subsoil distribution layer (13) for receiving methane, a subsoil biofilter layer (14) above the distribution layer which contains a biofilter (18) such as compost to convert the methane to carbon dioxide and water, a subsoil ventilation layer (15) above the biofilter layer, in which the carbon dioxide is diluted with air, and a vent (17) to the atmosphere from the ventilation area for venting the diluted carbon dioxide. The layers may be defined by load bearing structural modules (1). The system (10) may collect methane from the ground beneath and / or be fed with methane collected from beneath a building (19) adjacent the system.

IPC 8 full level
B01D 53/85 (2006.01); **B09C 1/00** (2006.01)

CPC (source: EP GB US)
B01D 53/72 (2013.01 - GB); **B01D 53/85** (2013.01 - EP GB US); **B09B 1/006** (2013.01 - GB); **B09C 1/005** (2013.01 - EP GB US); **B09C 1/10** (2013.01 - GB); **Y02A 50/20** (2017.12 - EP US); **Y02C 20/20** (2013.01 - EP US)

Citation (examination)
WO 0214608 A1 20020221 - SITE ELECTRICAL PH LTD [GB], et al

Designated contracting state (EPC)
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GB 0819778 D0 20081203; **GB 2464930 A 20100505**; **GB 2464930 B 20130724**; AU 2009309474 A1 20100506; AU 2009309474 A2 20110901; AU 2009309474 A8 20120712; AU 2009309474 B2 20160609; CA 2778188 A1 20100506; EP 2364203 A1 20110914; EP 2364203 B1 20150819; US 2011311406 A1 20111222; US 8585319 B2 20131119; WO 2010049685 A1 20100506; WO 2010049685 A8 20111027

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GB 0819778 A 20081028; AU 2009309474 A 20091028; CA 2778188 A 20091028; EP 09748444 A 20091028; GB 2009002566 W 20091028; US 200913126594 A 20091028